ABSTRACT

The invention relates to a document analysis method to detect BW/color areas comprising the following steps: getting an input image data to be split in elementary

5   information; analysing the input data to get the colorfulness of each elementary information; creating a first and a second output layers corresponding to the BW and color elementary information respectively; applying a first set of atomic operations to the BW

10   layer and a second different set of atomic operations to the color layer; and combining the BW and color layers in order to obtain a desired format for the output data. The invention also relates to a scanning device to acquire documents including an input that

15   receives an input image data, and is connected to a layer creator component, which in turn outputs a first and a second layer, such layers having different data compression rate.Finally, the invention relates to a method for acquiring a document based on the analysis

20   of the content of the document itself.